

FIGURE 1

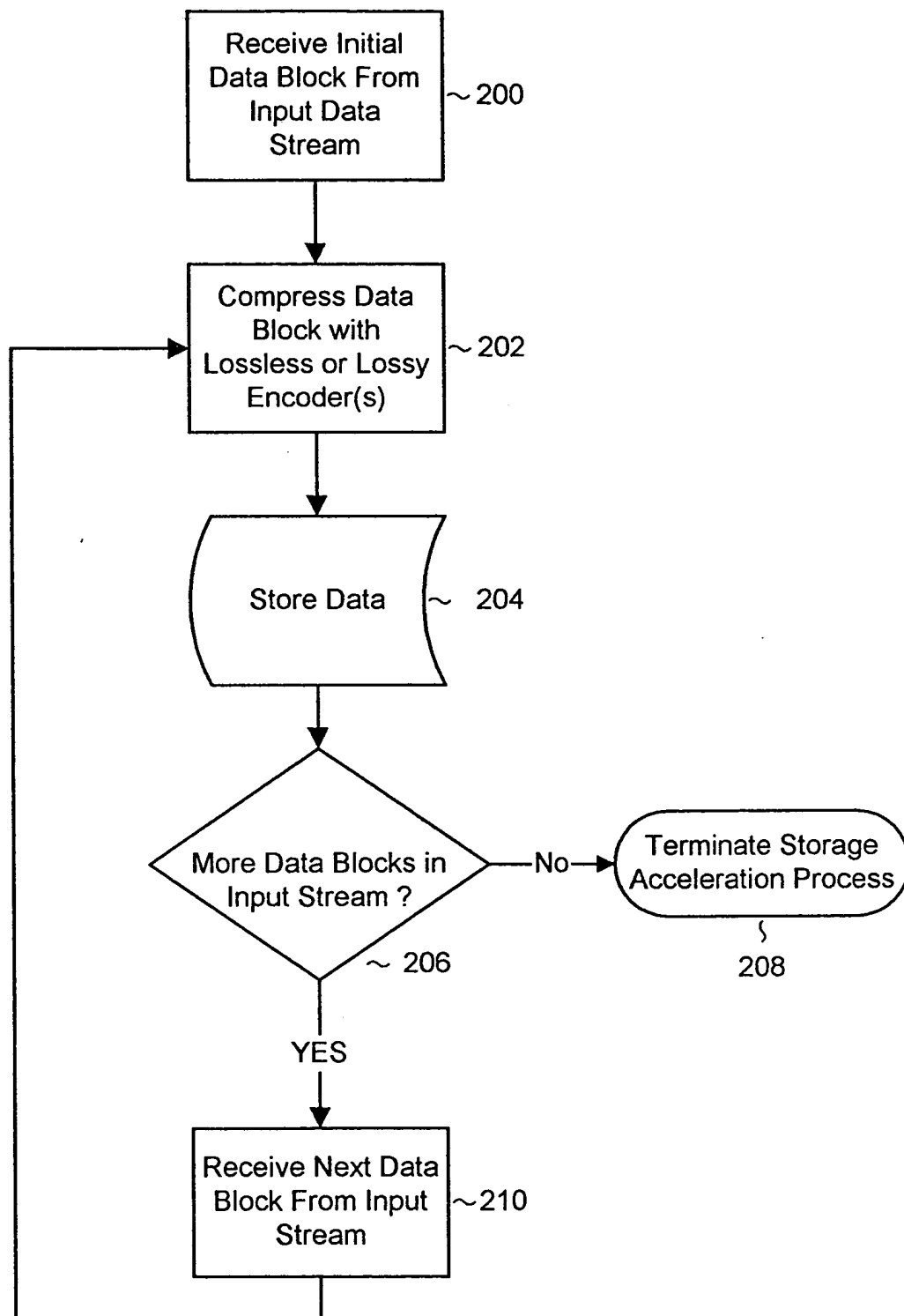


FIGURE 2

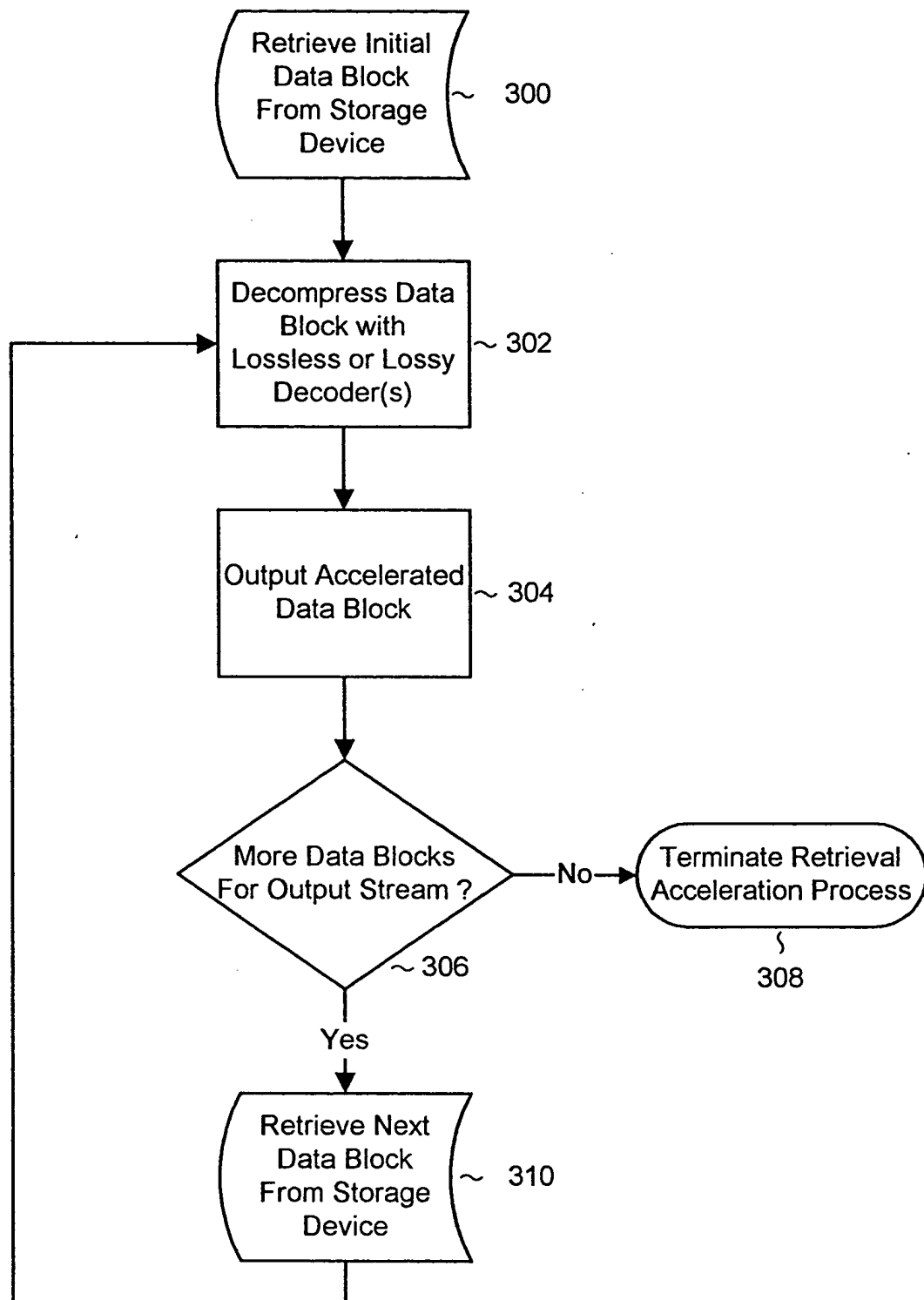


FIGURE 3

| Time Interval            | T1                                      | T2                                      | T3                                      | T4                                      | Ti  |
|--------------------------|---|---|---|---|---|
| Receive Data Block       | Receive Data Block 1                    | Receive Data Block 2                    | Receive Data Block 3                    | Receive Data Block 4                    | Receive Data Block i                        |
| <u>METHOD 1</u>          |   |   |   |   |   |
| Compress Data Block      | Lossless or Lossy Compress Data Block 1 | Lossless or Lossy Compress Data Block 2 | Lossless or Lossy Compress Data Block 3 | Lossless or Lossy Compress Data Block 4 | Lossless or Lossy Compress Data Block i     |
| Store Encoded Data Block | Store Encoded Data Block 1              | Store Encoded Data Block 2              | Store Encoded Data Block 3              | Store Encoded Data Block 4              | Store Encoded Data Block i                  |
| <u>METHOD 2</u>          |   |   |   |   |   |
| Compress Data Block      | Lossless or Lossy Compress Data Block 1 | Lossless or Lossy Compress Data Block 1 | Lossless or Lossy Compress Data Block 2 | Lossless or Lossy Compress Data Block 3 | Lossless or Lossy Compress Data Block (i-1) |
| Store Encoded Data Block |   |   | Store Encoded Data Block 1              | Store Encoded Data Block 2              | Store Encoded Data Block (i-2)              |

FIGURE 4a

| Time Interval            | T(i+1)                                      | T(i+2)                                      | T <sub>n</sub>                                     | T(n+1)                           | T(n+2)                                |
|--------------------------|---|---|--|----------------------------------|---------------------------------------|
| Receive Data Block       | Receive Data Block (i+1)                    | Receive Data Block (i+2)                    | Receive Data Block <sub>n</sub>                    |                                  |                                       |
| <u>METHOD 1</u>          |   |   |  |                                  |                                       |
| Compress Data Block      | Lossless or Lossy Compress Data Block (i+1) | Lossless or Lossy Compress Data Block (i+2) | Lossless or Lossy Compress Data Block <sub>n</sub> |                                  |                                       |
| Store Encoded Data Block | Store Encoded Data Block (i+1)              | Store Encoded Data Block (i+2)              | Store Encoded Data Block <sub>n</sub>              |                                  |                                       |
| <u>METHOD 2</u>          |   |   |  |                                  |                                       |
| Compress Data Block      | Compress Data Block <sub>i</sub>            | Compress Data Block (i+1)                   | Compress Data Block (n-1)                          | Compress Data Block <sub>n</sub> |                                       |
| Store Encoded Data Block | Store Encoded Data Block (i-1)              | Store Encoded Data Block <sub>i</sub>       | Store Encoded Data Block (n-2)                     | Store Encoded Data Block (n-1)   | Store Encoded Data Block <sub>n</sub> |

FIGURE 4b

| Time Interval                | T1  | T2  | T3  | T4  | Ti  |
|------------------------------|---|---|---|---|---|
| Retrieve<br>Data Block       | Retrieve<br>Data Block 1                        | Retrieve<br>Data Block 2                        | Retrieve<br>Data Block 3                        | Retrieve<br>Data Block 4                        | Retrieve<br>Data Block i                            |
| <u>METHOD 1</u>              |   |   |   |   |   |
| Decompress<br>Data Block     | Lossless or Lossy<br>Decompress<br>Data Block 1 | Lossless or Lossy<br>Decompress<br>Data Block 2 | Lossless or Lossy<br>Decompress<br>Data Block 3 | Lossless or Lossy<br>Decompress<br>Data Block 4 | Lossless or Lossy<br>Decompress<br>Data Block i     |
| Output Decoded<br>Data Block | Output Decoded<br>Data Block 1                  | Output Decoded<br>Data Block 2                  | Output Decoded<br>Data Block 3                  | Output Decoded<br>Data Block 4                  | Output Decoded<br>Data Block i                      |
| <u>METHOD 2</u>              |   |   |   |   |   |
| Decompress<br>Data Block     | Lossless or Lossy<br>Decompress<br>Data Block 1 | Lossless or Lossy<br>Decompress<br>Data Block 2 | Lossless or Lossy<br>Decompress<br>Data Block 3 | Lossless or Lossy<br>Decompress<br>Data Block 4 | Lossless or Lossy<br>Decompress<br>Data Block (i-1) |
| Output Decoded<br>Data Block |   |   | Output Decoded<br>Data Block 1                  | Output Decoded<br>Data Block 2                  | Output Decoded<br>Data Block (i-2)                  |

FIGURE 5a

| Time Interval                            | $T(i+1)$                                      | $T(i+2)$                                      | $T_n$   | $T(n+1)$                                    | $T(n+2)$                      |
|--|---|---|---|---|-------------------------------|
| Retrieve Data Block                      | Retrieve Data Block (i+1)                     | Retrieve Data Block (i+2)                     | Retrieve Data Block $n$                       |   |                               |
| <u>METHOD 1</u><br>Decompress Data Block | Lossless or Lossy Decompress Data Block (i+1) | Lossless or Lossy Decompress Data Block (i+2) | Lossless or Lossy Decompress Data Block $n$   |   |                               |
| Output Decoded Data Block                | Output Decoded Data Block (i+1)               | Output Decoded Data Block (i+2)               | Output Decoded Data Block $n$                 |   |                               |
| <u>METHOD 2</u><br>Decompress Data Block | Lossless or Lossy Decompress Data Block $i$   | Lossless or Lossy Decompress Data Block (i+1) | Lossless or Lossy Decompress Data Block (n-1) | Lossless or Lossy Decompress Data Block $n$ |                               |
| Output Decoded Data Block                | Output Decoded Data Block (i-1)               | Output Decoded Data Block $i$                 | Output Decoded Data Block (n-2)               | Output Decoded Data Block (n-1)             | Output Decoded Data Block $n$ |

FIGURE 5b

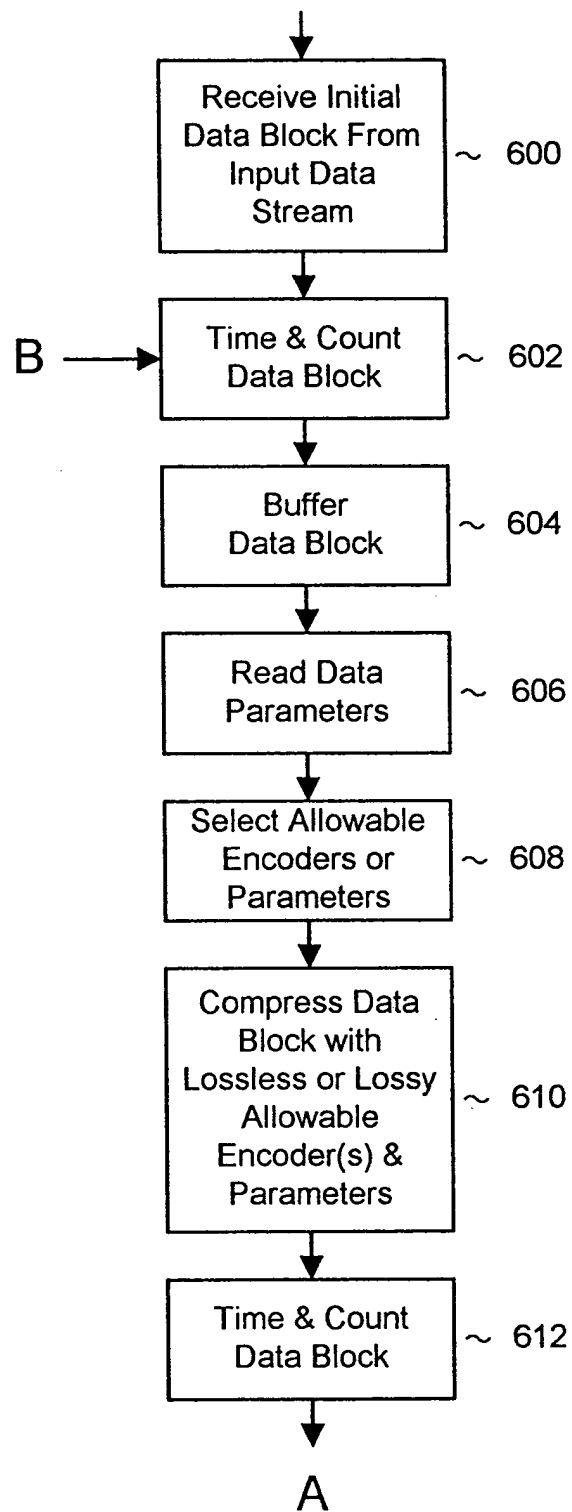


FIGURE 6a



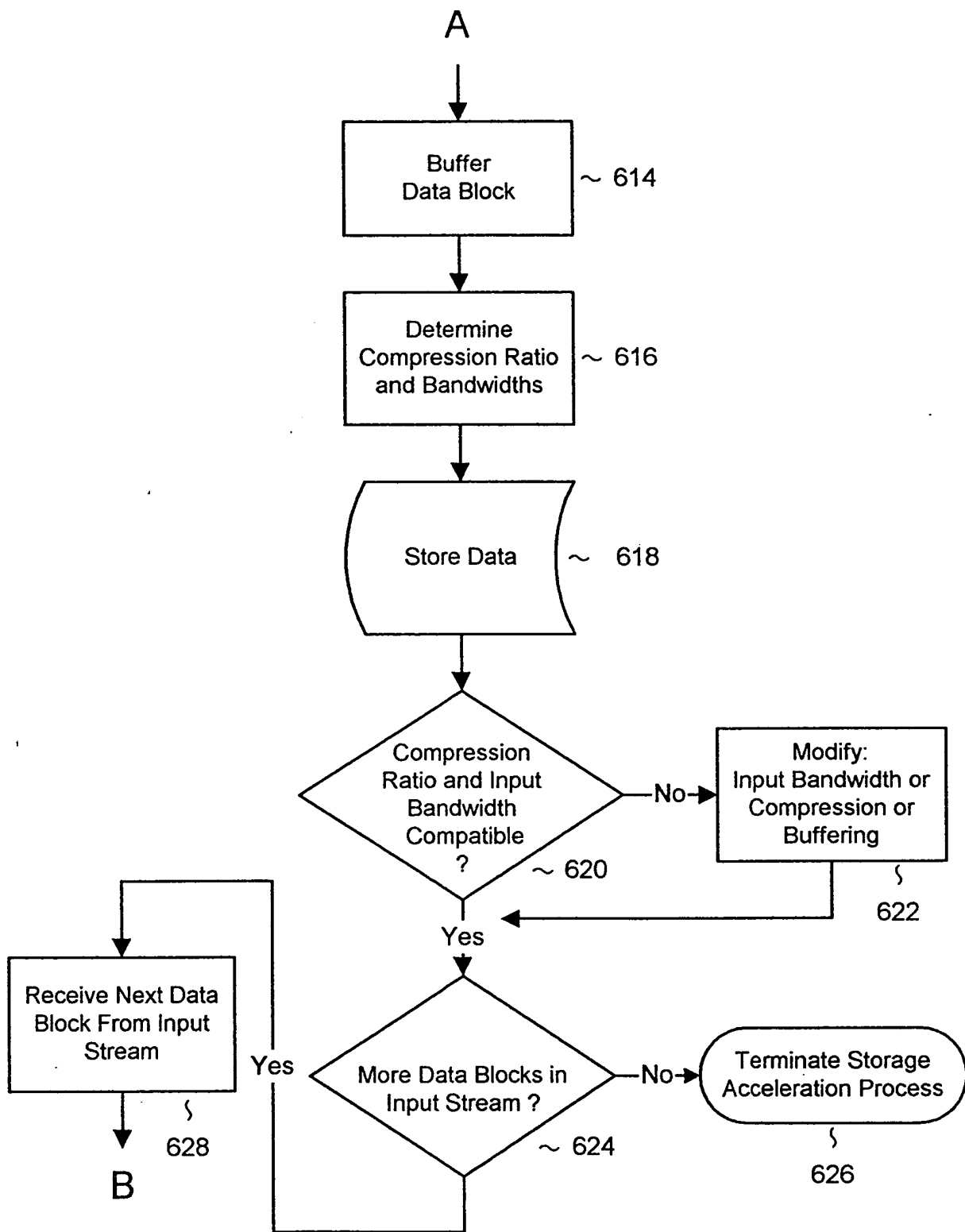


FIGURE 6b

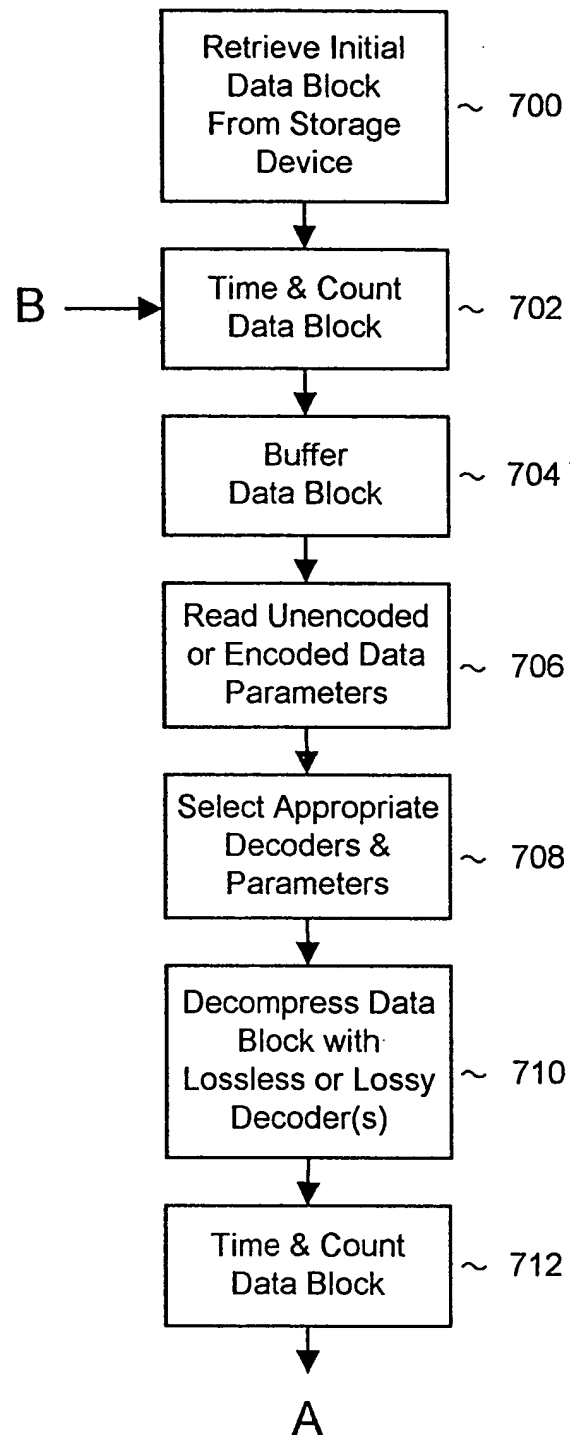


FIGURE 7a

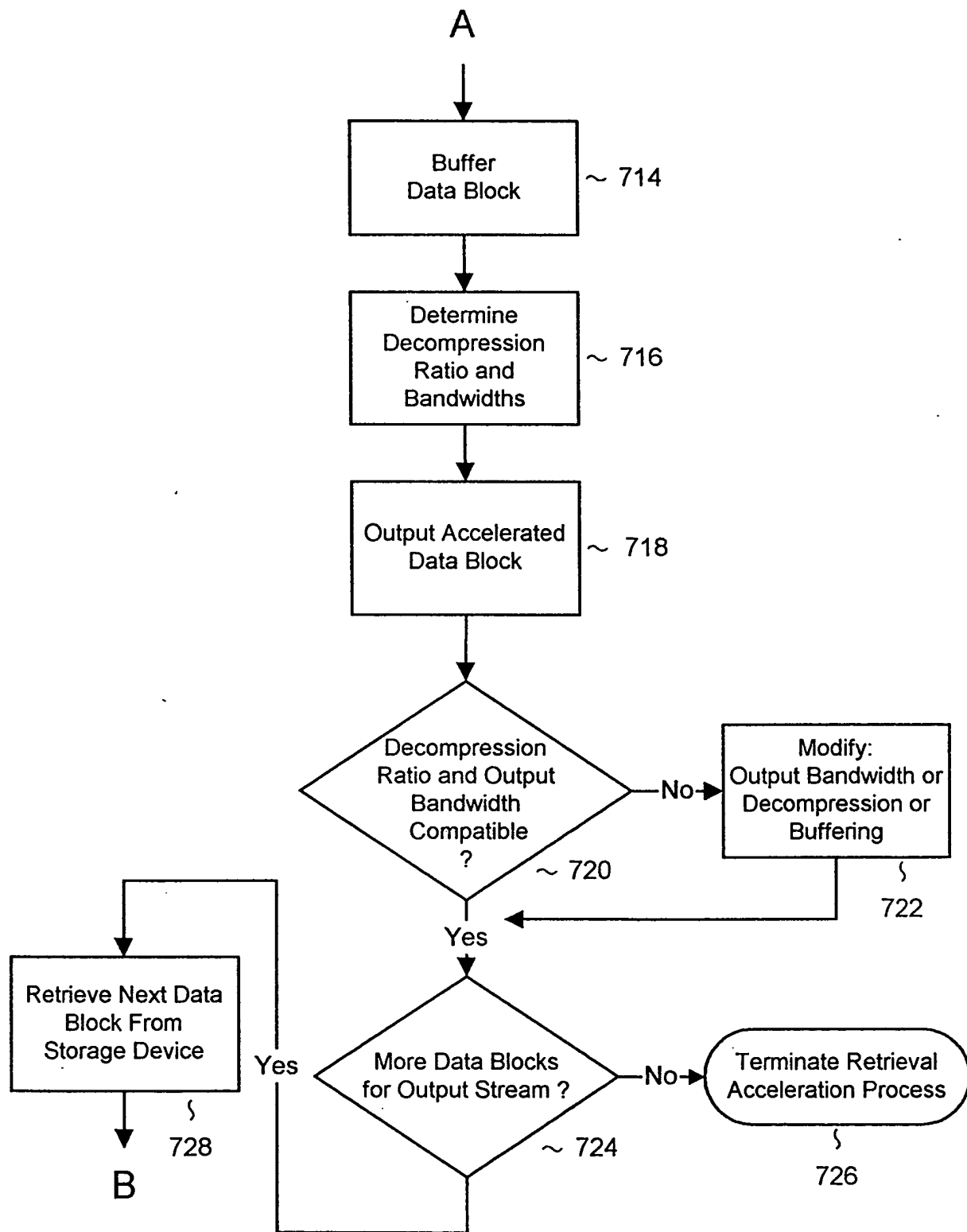


FIGURE 7b

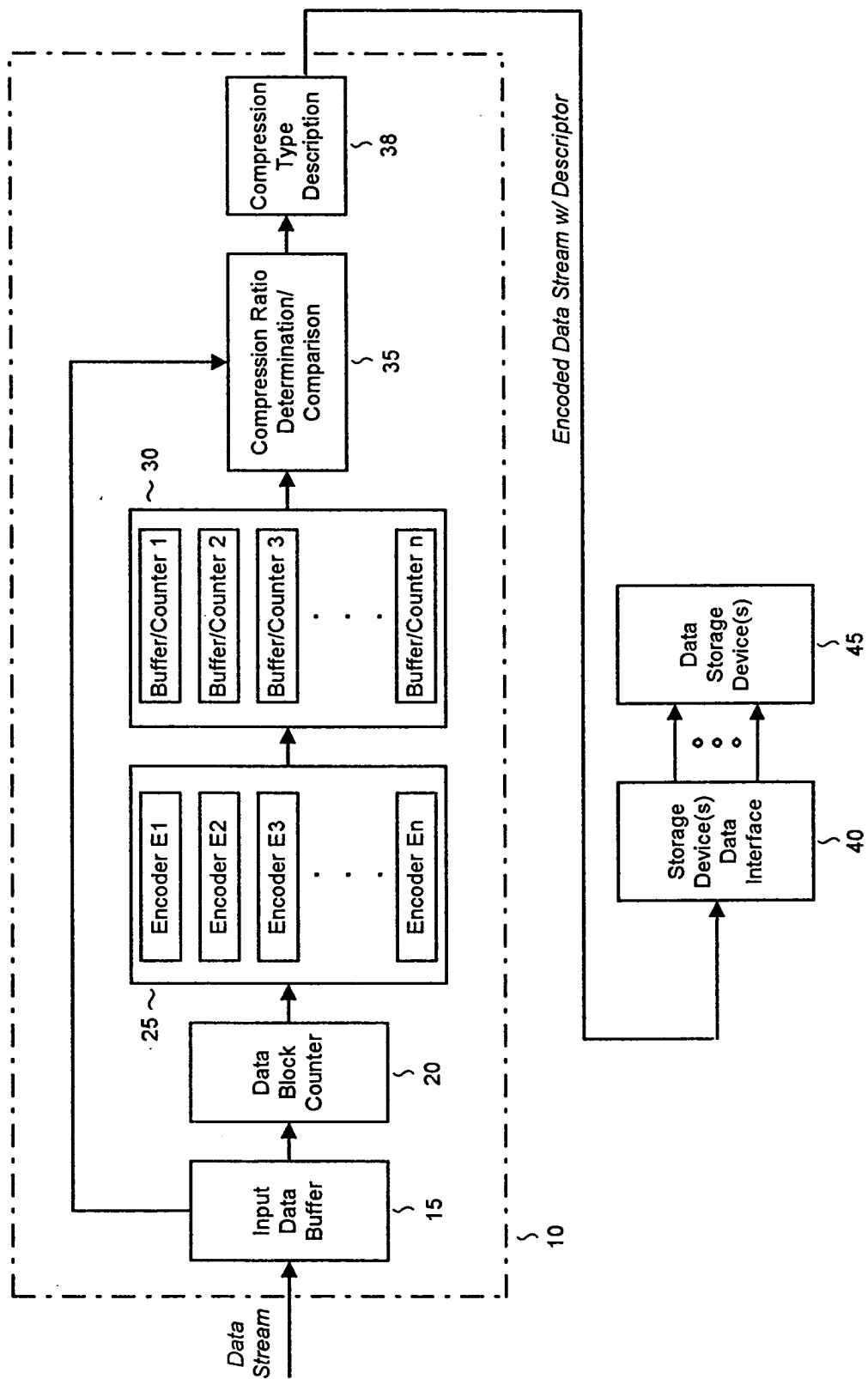


FIGURE 8

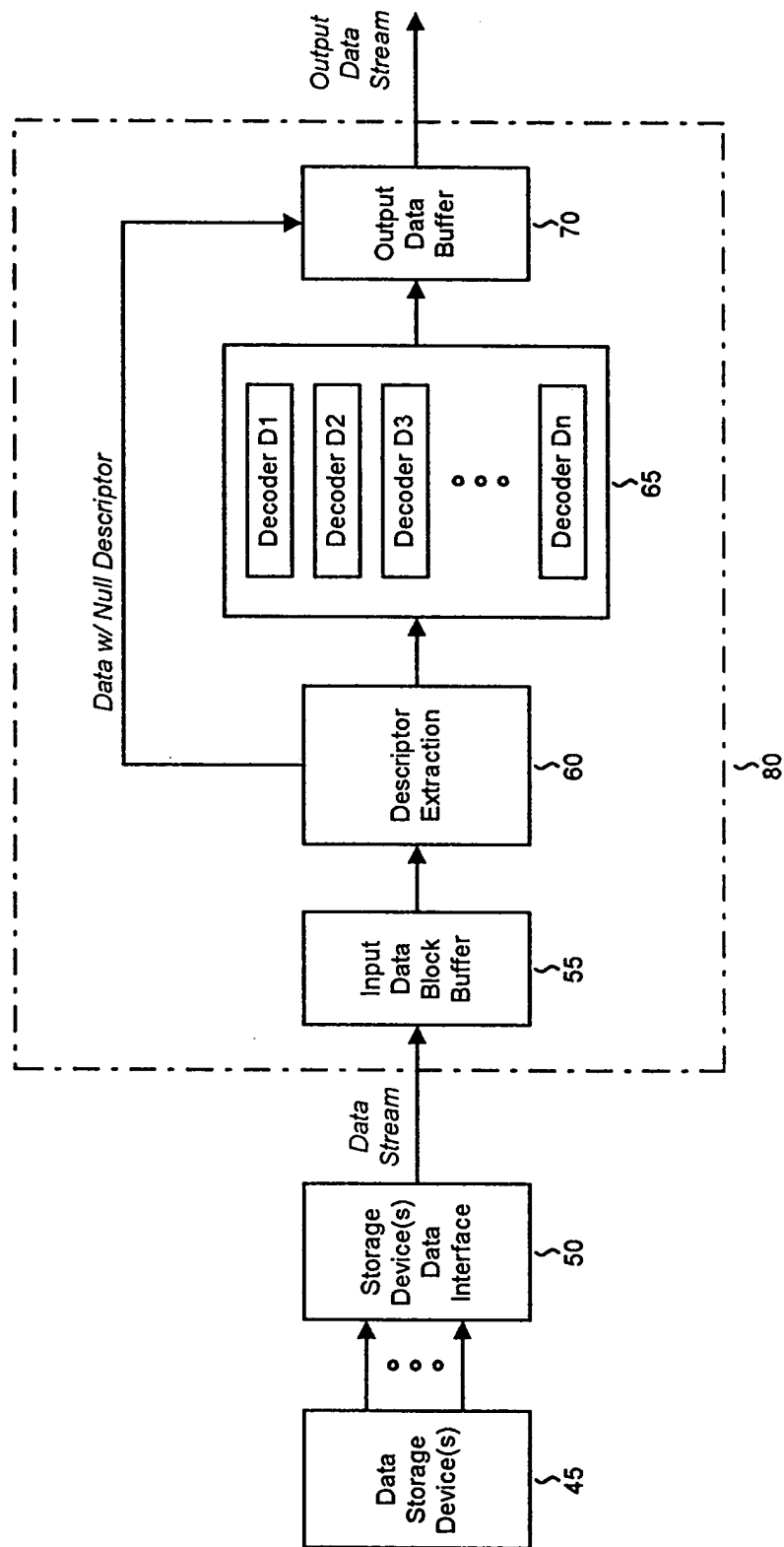


FIGURE 9

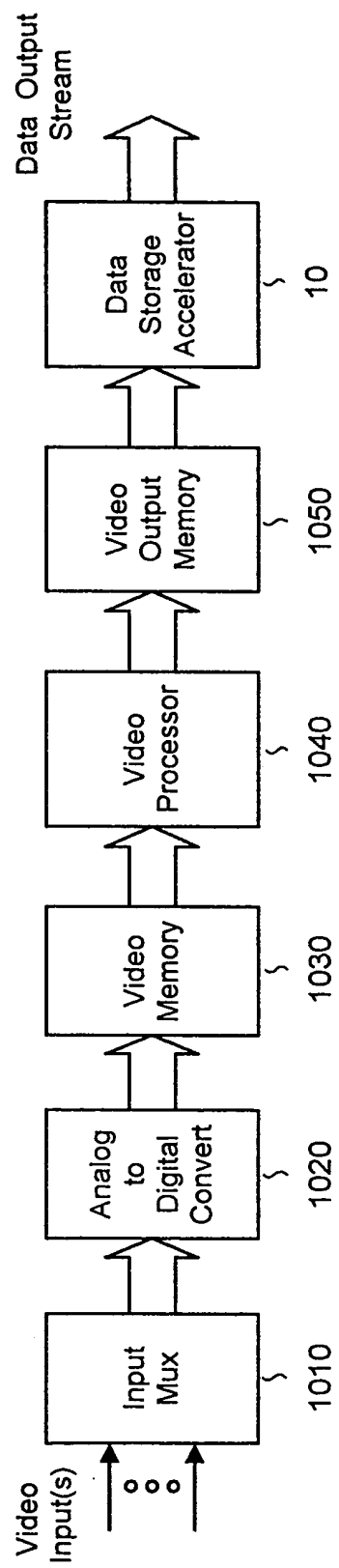


FIGURE 10

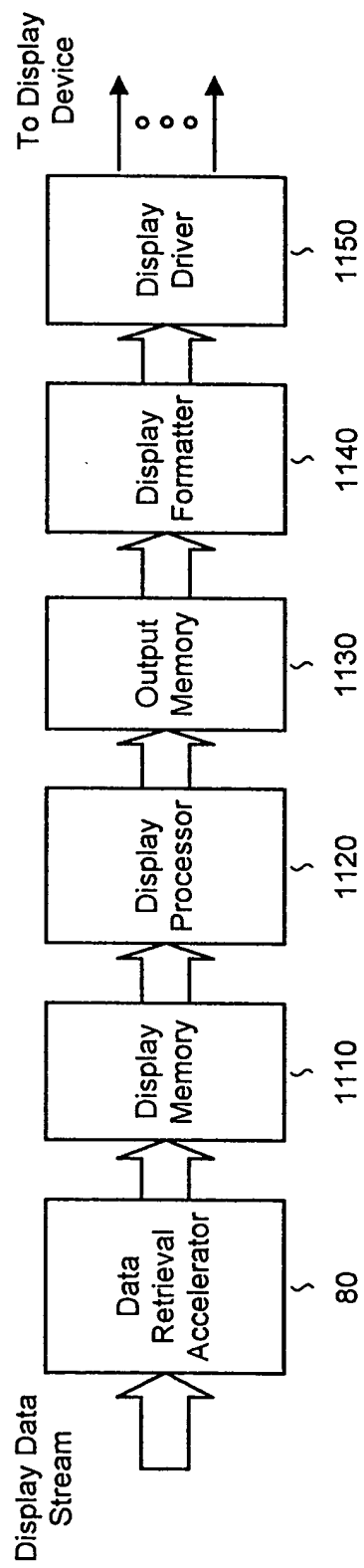


FIGURE 11

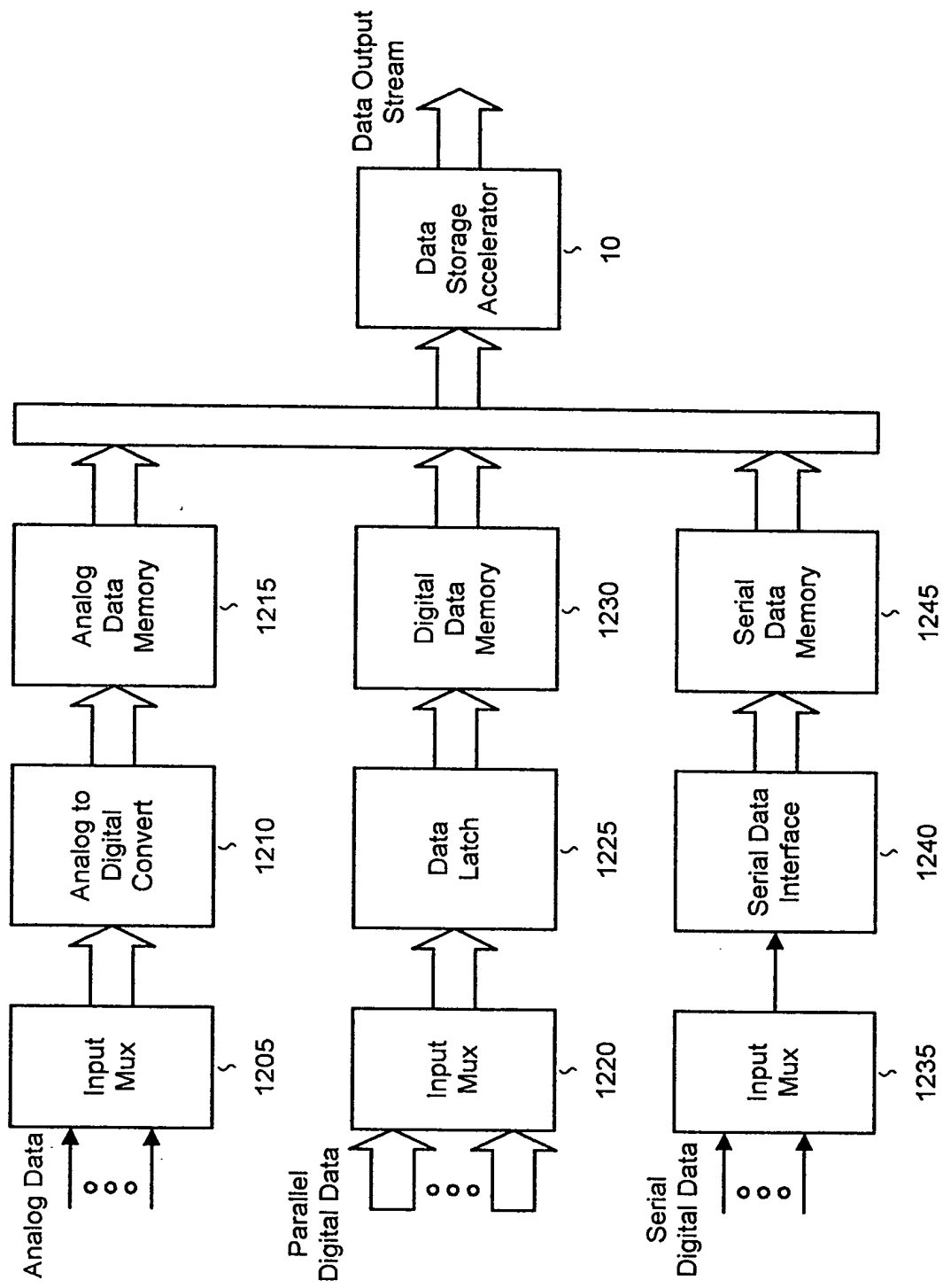


FIGURE 12



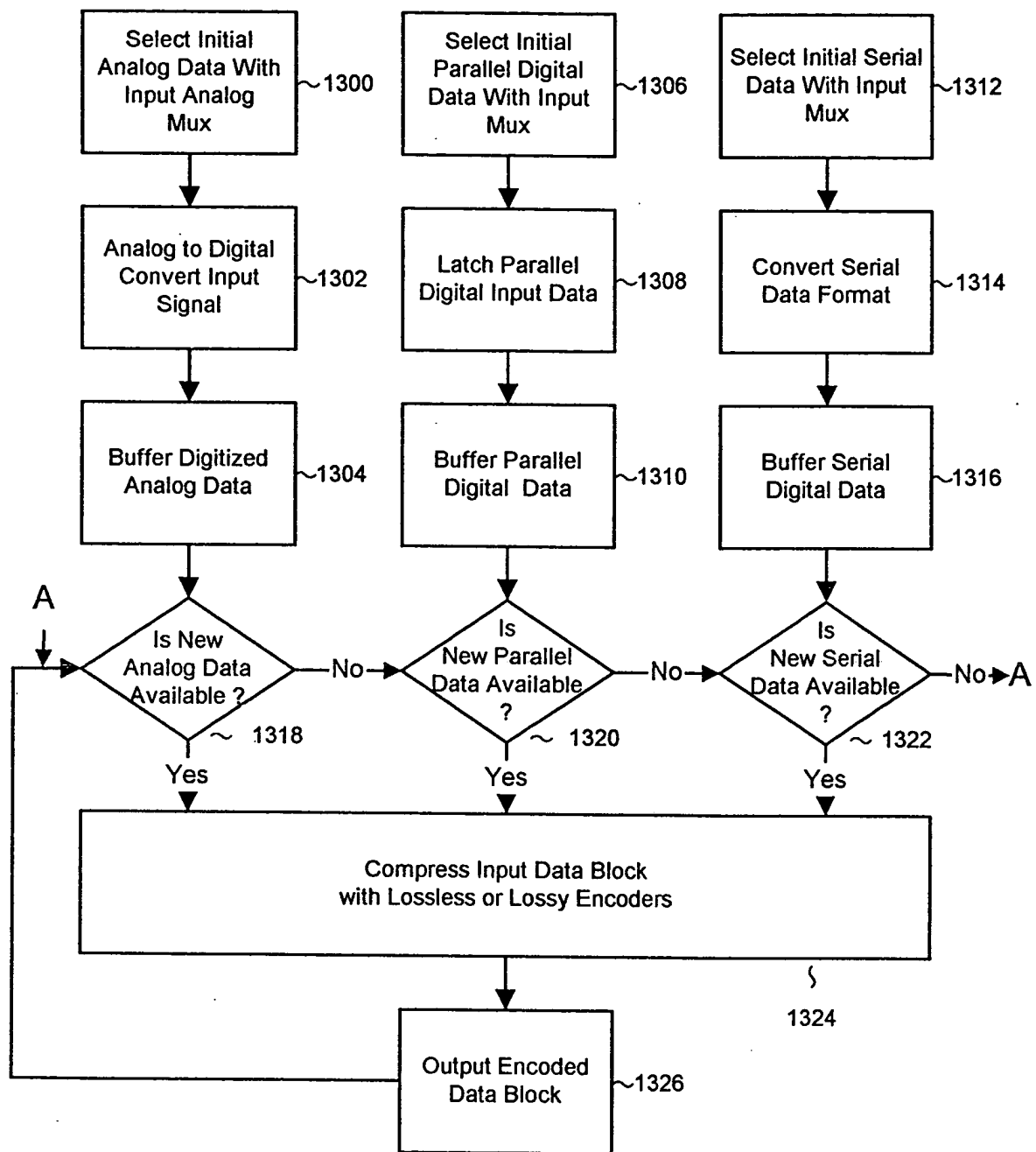


FIGURE 13

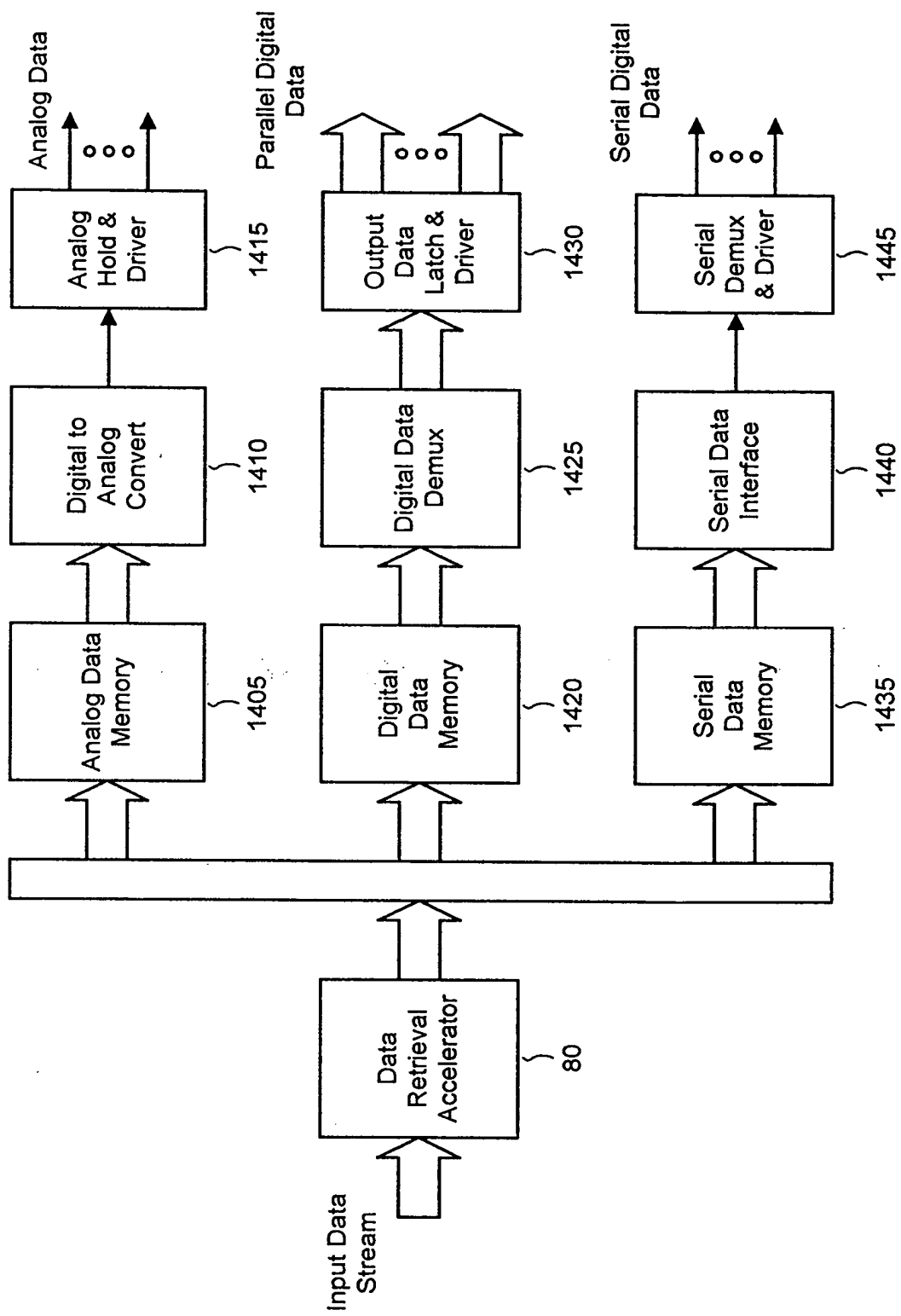


FIGURE 14

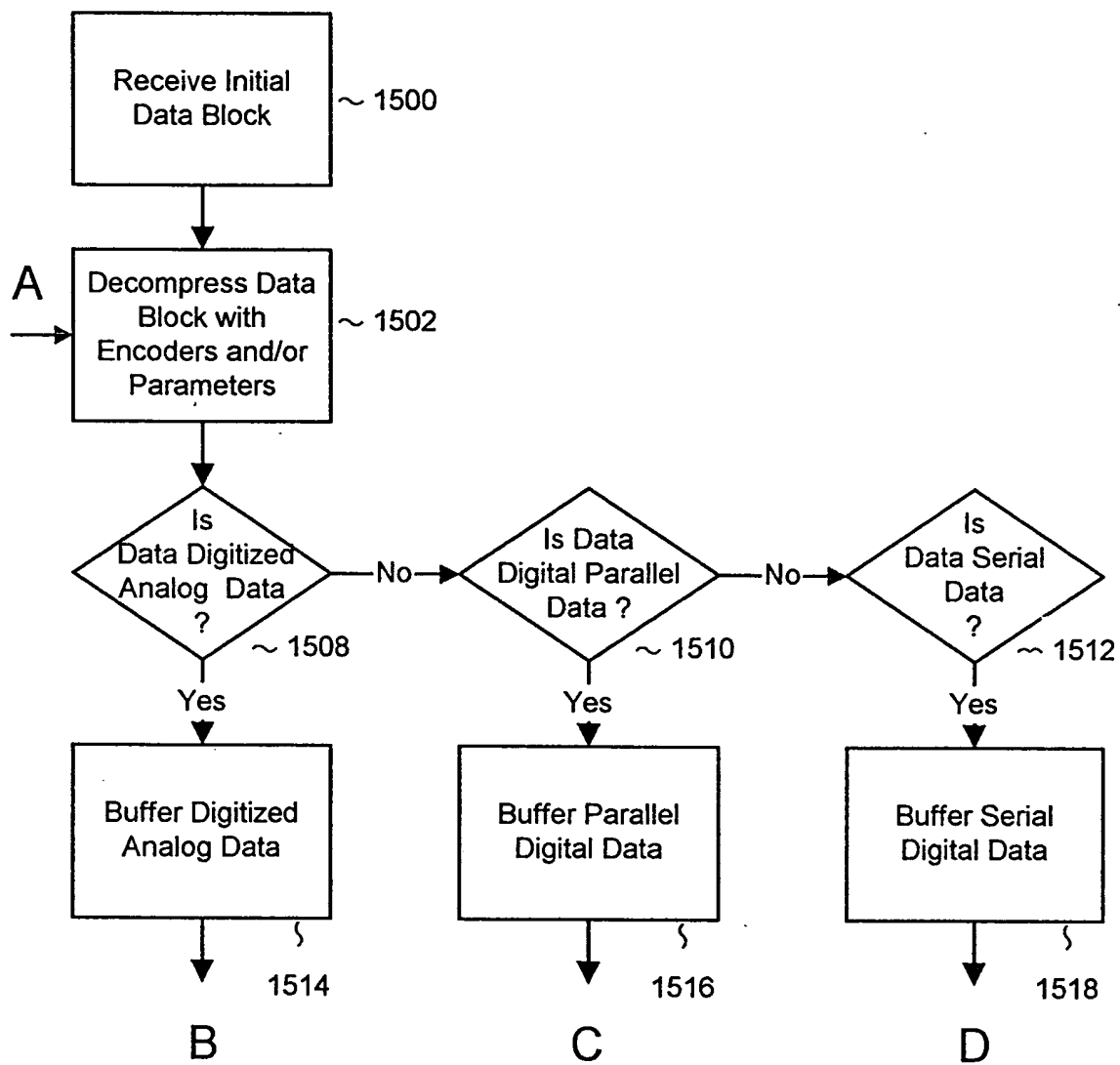


FIGURE 15a

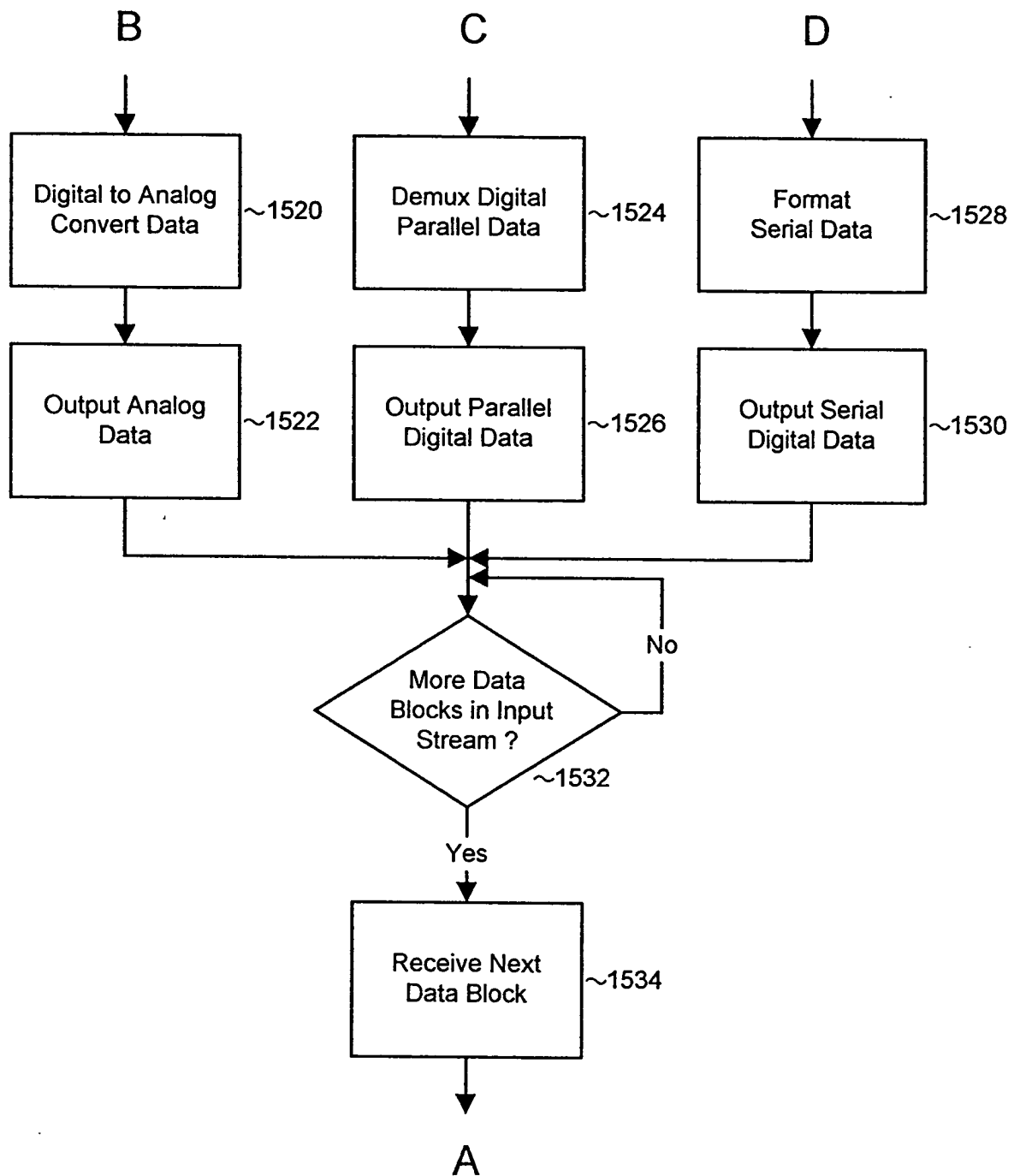


FIGURE 15b